

The Front End

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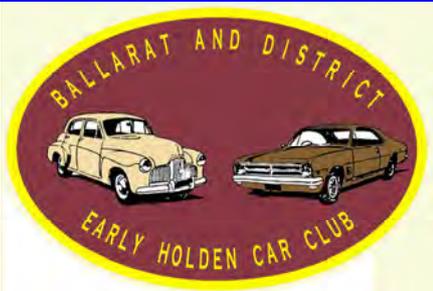
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**Ballarat and District
Early Holden Car Club**
Incorporated 2000

Address All Correspondence To
The Secretary
P.O.Box 184, Howitt St Post Office,
Wendouree, Victoria, 3355

Www.bdehcc.com

CLUB MEETINGS

Meetings are held on the first Tuesday of each month, except January, at the Clubrooms, Ballarat Airport, Airport Access Road, Wendouree. (off Learmonth Road) at 7:30pm. Visitors are most welcome.

MEMBERSHIP

Annual Fees: Single Membership \$40
Family Membership \$60
New Membership Application Fee \$15

COMMITTEE

President—Jeff Dickson
0411 837 506

Vice President—Alan Darrell
0491 134 081

Secretary—Peter Wilmot
0407 501 321

Treasurer—Sandra Campbell
0447 875 013

Run Coordinator—
Rob Whitten 0448 160 951
Assist: Paul Irvin 0419 524 607
John Whitfield 0423 978 095

Club Permits Officer—Scott Campbell
0419 106 264

Merchandising—Sharelle Dickson
53689498 0411 837 506

A.E.H.F. Delegate—Anne Turner
53 44 9290 0429 449 290

Clubrooms Officer—Paul Irvin
53 35 8680 0419 524 607

Catering Officers
Peter Skrypko 0418 508 750
Jim Hare 0418 300 225
Mitch Colbert 0402 264 659
Murray Rogers 0418 558 934

Barman—Rob Whitten
0448 160 951

General Committee

John Whitfield 0423 978 095
Greg Turner 0429 449 290
Greg King 0419 878 059
Bernie Sharp 0418 394 636
Mark Davies 0417 813 310
Peter Nikkleson 0418 501 656

Sergeant At Arms - Peter Wilmot

LIFE MEMBERS

Scott Campbell
Doug Reid
Anne Turner
Randall Lourey
Paul Irvin
Peter Skrypko
Rob Whitten
Greg Turner
Andrew Wheeler
Sandra Campbell
Jim Hare

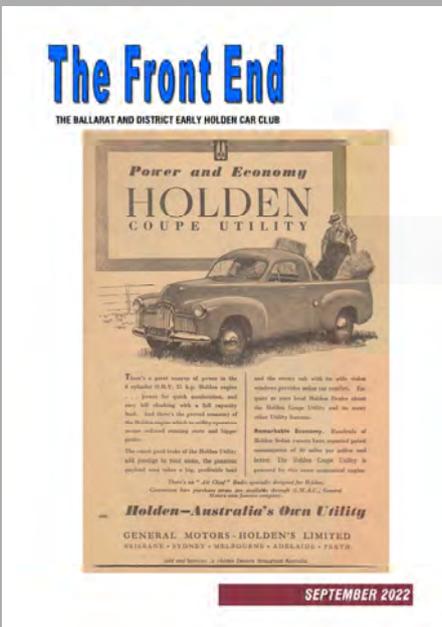
TOP CLUBPERSON

2004-05 Scott Campbell
2005-06 Peter Waterson
2006-07 Paul Irvin / Jason Barby
2007-08 Greg King
2008-09 Anne Turner / Rob Whitten
2009-10 Peter Skrypko
2010-11 Jim Hare
2011-2012 Craig Loveridge
2012-13 Jeff Dickson
2013-14 Justin Mitchell
2014-15 Rob Whitten
2015-16 Peter Wilmot
2016-17 Bernie Sharp
2017-18 Daniel Dickson

FRONT END * SEPTEMBER 2022 * VOLUME 22, No. 08

The Front End is the monthly newsletter of The Ballarat and District Early Holden Car Club. Correspondence, articles and items of Holden news and interest are invited and should be sent to

The Editor—Scott Campbell
Ballarat and District Early Holden Car Club
P.O.Box 184
Howitt St Post Office
Wendouree 3355
Email: scdd@bigpond.net.au
Ph: 53 349 440 0419 106264



CONTENTS

- 6-7 EVENTS CALENDAR
- 9 PRESIDENTS PEN
- 11-15 UPCOMING RUNS
- 16-17 EVENT FLYERS
- 18-27 RUN REPORTS
- 28-29 ARE EV'S THE ANSWER
- 30 MEETING MINUTES



Australia's Own Utility



Australia's Own Panel Van

The new **HOLDEN**



AUSTRALIA'S OWN UTILITY . . . AUSTRALIA'S OWN PANEL VAN

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NOTICE

Please note that Club Memberships were due by the August Meeting.

Club Memberships fees are .

Single Membership - \$40.00

Family Membership - \$60.00

New Membership Application Fee - \$15.00

Please advise Anne if you have changed address / phone numbers / email address so we can keep our records up to date.

If memberships are not paid by the August meeting, you are deemed unfinancial, and therefore if you have vehicles on Club Permit Registration, you can not drive them. You are driving an unregistered vehicle.

Also, the next two months is the last opportunity for you to meet the criteria, to maintain eligibility to retain your club permit registration.

NOTE: In order for a financial member to maintain eligibility to retain club permit registration on his / her vehicles, a club member must attend a minimum of two (2) club runs within a financial year.

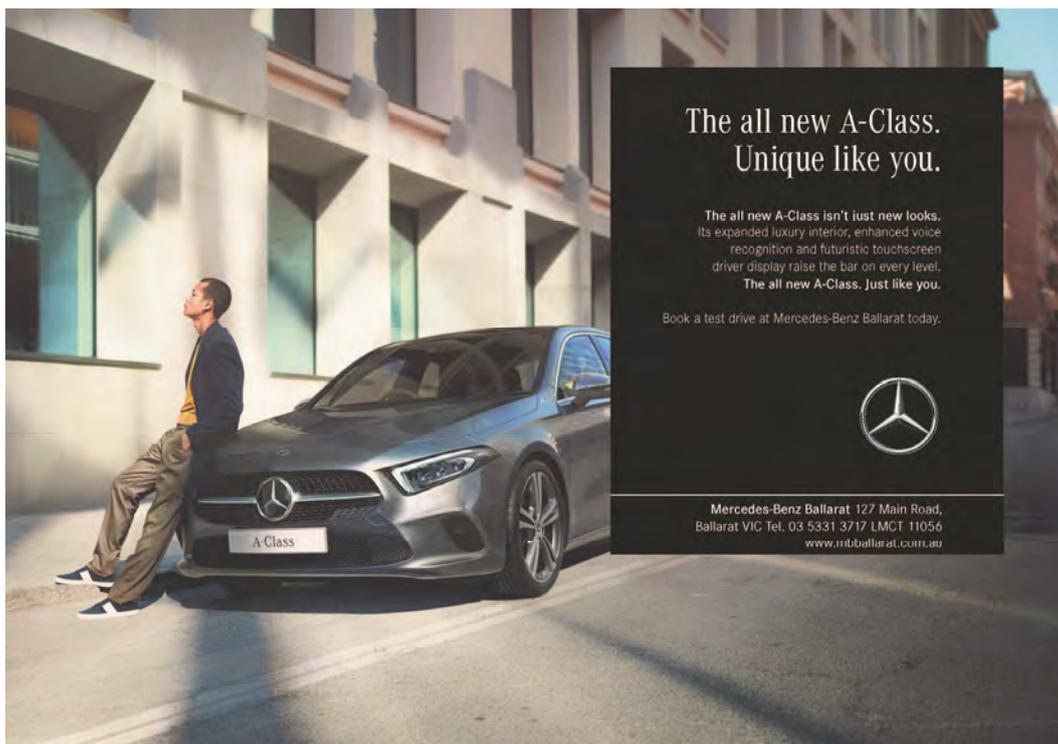
EVENTS CALENDAR

CLUB EVENTS FOR SEPTEMBER

- 6 Club Meeting
- 14 Little Red Dog Run
- 18 Club Run—Pomonal (Barnies Bistro / Gallery / Winery)
- 20 Club Pub Night—Royal Mail Hotel
- 27 Committee Meeting
- 28 Red Dog Run

OTHER EVENTS FOR SEPTEMBER

- 4 Castlemaine Swap Meet
- 10 American Iron Echuca Heritage Truck Display
- 10--11 Shepparton Swap Meet
- 10-11 Wedderburn Rally
- 18 Birchip Show and Shine
- 18 Bairnsdale Swap Meet
- 18 Lakesters Swap Meet—Lucknow
- 18 Maryborough Car Show
- 30-2 Torana Muscle on the Murray
- 30-1 Deni Ute Muster



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EVENTS CALENDAR

CLUB EVENTS FOR OCTOBER

4	Club Meeting
12	Little Red Dog Run
18	Club Pub Night— Royal Mail
26	Red Dog Run
30	Possible Club Run—Buninyong Open Gardens & Spring Market

OTHER EVENTS FOR OCTOBER

2	Australian National Show and Shine—Euroa
6-9	Bathurst
7-9	Motorclassica
8	Kerang Show and Shine
15-16	FX-FJ State Titles
16	Halls Gap Show and Shine
16	Numurkah Show us Your Wheels
16	Ballarat Rally
22	Tongala Car and Nike Show
23	Marsh Rodders Show n Shine and Swap meet
30	Rob Roy Hillclimb



The advertisement features a blue background with a green vertical bar on the left. A white-bordered box contains the text: "Would you like an accountant who has a real interest in you and your business?". Below this text is the URL "rsm.com.au/ballarat" and an illustration of a smartphone displaying a calendar and a magnifying glass over a document. To the right, the RSM logo is displayed above the text: "At RSM, we provide you with strategic tax, accounting, audit and business advice." This is followed by a bulleted list of three points: "Always accessible", "Offer unparalleled client support", and "Committed to helping clients achieve business goals". A light blue box contains contact information: "For more information, contact Sandra Campbell today. RSM 12 Anderson Street West, Ballarat VIC 3350 T 03 5330 5800 E sandra.campbell@rsm.com.au". At the bottom, the text reads: "THE POWER OF BEING UNDERSTOOD AUDIT | TAX | CONSULTING".

A man and a woman are shown from the back, embracing each other in a modern kitchen. The man is wearing a blue and white checkered shirt and blue jeans. The woman is wearing a red long-sleeved top and blue jeans. They are standing near a kitchen island with a white countertop and a gold faucet. The kitchen has dark grey cabinets and a track lighting system with gold-colored pendants. The overall atmosphere is warm and inviting.

*Feel the
joy building*

G.J. Gardner. HOMES

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PRESIDENT'S REPORT

Hi members,

Well my first presidents report and it's got me buggered. Anyway I will get started first of all I would like to thank each and every one from the previous committee from the barman through to the previous president Justin everyone has done the club proud so thank you all.

Now to the new committee thank you all for stepping up and filling these positions and I'm looking forward to what the next year with you all.

What a month August was our run coordinator kept us busy with his red dog runs our social pub dinner night. With a meet and greet with the Warrnambool club, I got chatting with Peter their club president and they have been searching for club rooms as they have never had any. That got me thinking how lucky we are to have our club rooms a place to call home. How lucky are we all that our founding members put in the hard yards to secure this building we are in and to make it our own.

There was an additional run to Avoca for the 50th anniversary of the HQ SS that I was looking forward to but totally forgot about it not a good start of being in my new role.

Finally we had a little display at Bunnings Delacombe. We had 14 cars with a couple from other clubs coming along later in the day. Unfortunately Bunnings didn't give us much notice to get the word out, but they did look after us with coffee vouchers and raw chicken wings and a \$100 gift voucher to the club that will certainly help with the up keep of the clubrooms.

I'm sure all you dad's had a fantastic fathers day. Looking forward to the club events September has to offer don't forget to put your names down for some events with spring here we should be getting some better weather to get our pride and joys out. This is the best club and I love it thank you all for making this club what it is.

That's it from me...Jeff Dickson





CLUB RUN - SEPTEMBER

CLUB RUN—Pomonal—Barney's Bar and Bistro

WHAT: Cruise down to Pomonal for lunch at Barney's Bar and Bistro then a visit to Pomonal Estate winery and brewery for afters.

Meet at the Clubrooms at 9:30am

WHEN: Sunday 18th September

**Please notify Rob prior to Friday 9th September
with numbers, as we must pre-book.**

CONTACT PERSON: Rob Whitten 0448 160 951



Barney's Bar & Bistro

Grampians Victoria Australia

3447 Ararat-Halls Gap Rd Pomonal 3381

Phone 0419505025



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CLUB EVENTS

LITTLE RED DOG RUN

WHAT: Another Day out

WHERE: Meet at Lucas McDonalds

WHEN: 9:30 Wednesday 14th September

Please let Rob Whitten know on 0448 160 951

SOCIAL—ROYAL MAIL HOTEL

WHAT: Meal and Drinks

WHERE: 290 Albert Street, Sebastopol

WHEN: Tuesday 20th September starting at 6.30pm

Please let Rob Whitten know on 0448 160 951 the numbers of adults and children.

COFFEE N CRUISE (RED DOG RUN)

WHAT: Day out

WHERE: Meet at Lucas McDonalds

WHEN: Departing—9:30 Wednesday 28th September

Please let Rob Whitten know on 0448 160 951



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CLUB EVENTS

LITTLE RED DOG RUN

WHAT: Another Day out

WHERE: Meet at Lucas McDonalds

WHEN: 9:30 Wednesday 12th October

Please let Rob Whitten know on 0448 160 951

SOCIAL—ROYAL MAIL HOTEL

WHAT: Meal and Drinks

WHERE: 290 Albert Street, Sebastopol

WHEN: Tuesday 18th October starting at 6.30pm

Please let Rob Whitten know on 0448 160 951 the numbers of adults and children.

COFFEE N CRUISE (RED DOG RUN)

WHAT: Day out

WHERE: Meet at Lucas McDonalds

WHEN: Departing—9:30 Wednesday 26th October

Please let Rob Whitten know on 0448 160 951

EVENTS



SHEPPARTON SWAP MEET

Sunday Sept 11, 2022

SHEPPARTON SHOWGROUNDS,
HIGH ST, SHEPPARTON
(MIDLAND HWY A300)

6m x 6m OUTDOOR SITES \$20

ENTRY \$5 (Children under 14 free)

Gates open at 6.30am for stall holders.
General public 7.30am.

No alcohol. No camping. No dogs allowed.
Lunch and refreshments available.

MAIL: Send stamped self-addressed envelope and booking fee to:

Shepparton Swap Meet, P.O. Box 1206, Shepparton, 3632.

CHEQUE: Please make cheques payable to G.V.M.V.D.C. Inc.

DIRECT DEPOSIT: to BSB 633-000, Acc1 1366-25076

Reference to be "swap" and your name.

www.gvmvdc.com.au/GVMswp.html

For further information contact:

Lloyd or Kristine Healey on 0438-294 351

Member of the Association of Motoring Clubs Inc and
The Federation of Veteran, Vintage & Classic Vehicle Clubs, Vic



MDHVC HEDGES OVAL

CAR SHOW

Sunday 18th September 2022
Hedges Oval Maryborough Vic
9 am till 1 pm
BBQ Available
\$10 entry per display car
Gold coin public donation

Run by Maryborough District
Historical Vehicle Club and Royal
Park Football Netball Club.
For more info ring 0407604009.

Illustration by [unreadable]

Buloke Collectable Vehicle Club Inc.

SHOW 'N' SHINE

Charity Fundraiser

SWAP MEET
\$10 Site

The 3rd Mallee Bull Show 'n' Shine
Sunday, 18th September 2022

Vehicle Registrations:
Opens at 8.30am
Judging begins at 11am
Awards at 1.00 - 2.00pm
Multiple categories and special awards

Vehicle Entry Fee:
\$10 per vehicle
Includes driver
All others in car \$5 each

All Vehicles Welcome!
Classic Cars, Imports,
Trucks, 4x4's, Motorcycles,
Pedal Cars, and more!

All profits this year will go to local Hospitals in the Buloke Shire.

Swap Meet Sites can be set up from 7.00am

Wagon Cover Racing

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ENQUIRIES
Ph 0409 725 410 or 5079 2238

Gate Admission \$5 each Under 12 Free
Venue: Birchip Leisure Centre, Morrison St, Birchip

EVENTS

ROB'S BIG CAR DAY OUT (the August Red Dog Run)

There were quite a few apologies for the August Red Dog Run (and, being the fifth Wednesday of the month, some forgot) so there were only three club members, along with one visitor, who participated in the August Red Dog Run. Paul Irvin, who came after attending a funeral, had organised with his friend Bill Pearce to visit three 'sheds' to view a selection of large, mainly left-hand drive, American cars.

The first stop was Andrew Cook's shed. Andrew's collection included a 'Harley', along with: a twin four-barrel cross-flow ram air induction carburation, 1960 Chrysler 300F, with swivelling front seats,



a 1941 'survivor' black Cadillac (above right) – note the Holden-like bonnet badge (at right),

a Series 62 1959 Cadillac under the hoist (Andrew's first American car - owned for 27 years),



a 'survivor' 1957 black Cadillac Eldorado Brougham, with a stainless steel roof, and forward opening rear doors (right),



a 'survivor' 1958 Pontiac Star Chief and a 'survivor' two-tone blue 1957 Dodge Custom Royal D500,



a 'survivor' 427ci Tripower triple carby 1957 Chevrolet Corvette, a 'survivor' 1960 325ci Ford Thunderbird, and



a 'last of the shape' 1967 327ci 359hp Chevrolet Corvette.



After a 'cuppa and a bikkie', and a chat in front of the wood heater (which had a boiling kettle on top), we thanked Andrew and headed off to Bill Pearce's storage shed in Mitchell Park.



Bill's collection include:
the last Chrysler Valiant CL sold by SF Motors in Ballarat in 1981,

a 1959 Chrysler Imperial and a 1963 Ford Thunderbird,



a 1963 Chrysler Newport, a 1963 Ford Mercury Comet and a 1969 Ford Ranchero Ute,



and a WB Statesman!

From Bill's we headed off to see some of Gavin Jeffries collection: He had three cars at home: The first was one of the three black 1958 Buick 'Limited' cars built for the government in the Menzies era. PM Bob Menzies regularly rode in the front passenger seat – where the heater worked best!



The second car was a 1969 Lincoln Continental purchased by Gavin in Colorado, USA, with just 40,000 miles on the 'clock'! The car had never left Colorado! It cost more to transport the car to Australia than to buy it!



The last vehicle was a 1960 Series 62 Cadillac. This windscreen less vehicle, purchased by Gavin in 2008, is undergoing a full restoration (not that it really needed it).



After the third visit it was time to head off for a late lunch, or home!

Rob is looking at having visits to some of these displays added to the 'run' program.

(Neil Leckie)



THE HOLDEN WORKFORCE MEANS BUSINESS

A WHOLE LOT MORE THAN JUST WORK.

HOLDEN UTES, VANS & ONE-TONNERS.





BUNNINGS "FATHERS DAY" CAR DISPLAY

A pleasant morning as we dawdled into Bunnings Car Park and parked for a car display.

We were given FREE Coffee Cards and we had a nice area to set up in .We were there from about 10 till 2 and members and cars came and went during the day . It's a great thing that Bunnings do to give a bit back to community, with rides for kids, fairy floss ,activities and things for kids to make in the "Men's Shed" and other little give aways and a chance for Mums and children to look around for Dad's present.

A \$100 Gift Card was given to the Club which will be use for Clubrooms maintenance. We have been offered the opportunity to once again being involved with their Christmas Event, a Thursday evening ,mid December.

ATTENDEES:

Megan Turner—FX
Kim, David, Flynn and Harry Turner-FX
Sharelle and Jeff Dickson-HD P/Van
Paul Irvin -EH
Graeme Henderson-FJ
Kandra And Andrew Wheeler-FX Ute
Maggie Wheeler-FB Ute
Anne and Greg Turner in Anne's 1951Chev "Cruck"
Greg King -HR
Mark Davies-FC Ute
Megan, Mitch and Clayton-Torana
Daryl Mc Geary- HR Ute
Rob Whitten -FC and we spoke to hopeful future members Clinton-numerous models, Michael-LJ XU1, Tim-UC Torana.

We also had members without "Holdens" but supporting the Club, Sarah and Bryson Millard, Stacey and Daniel Dickson, Roshelle and Leigh Whitten and some or all of their children.

Thanks to those able to attend and Lee from Bunnings for making us so WELCOMED.

Rob Whitten.





ADDITIONAL CLUB RUN - HQ SS 50TH

As per the courier, they kept their word NO rain forecast for Sunday. Out at the club rooms 9.00 am fine but chilly morning, four cars and four members headed off to Avoca.

On arrival missed the first sign headed down to the river, astute Pete advised me sign said straight ahead. U turned back to main street found second sign to turn left, straight to the footy oval.

Heading into the footy oval parked up on the grass, first person to be greeted by was Thomas Campbell. Tom advised us the Red SS is parked up with the bonnet up, with the other 48 SS's. (9 Ultraviolet, 17 Lettuce alone, 23 Infra-red).

After being parked up we, looked for a coffee van. Found another member Hendo, who met us at the footy ground.

Lots of SS`s times three colours, to look at. All in different conditions to look and drawl over. The captain turned up in his FC, to check out SS`s for himself.

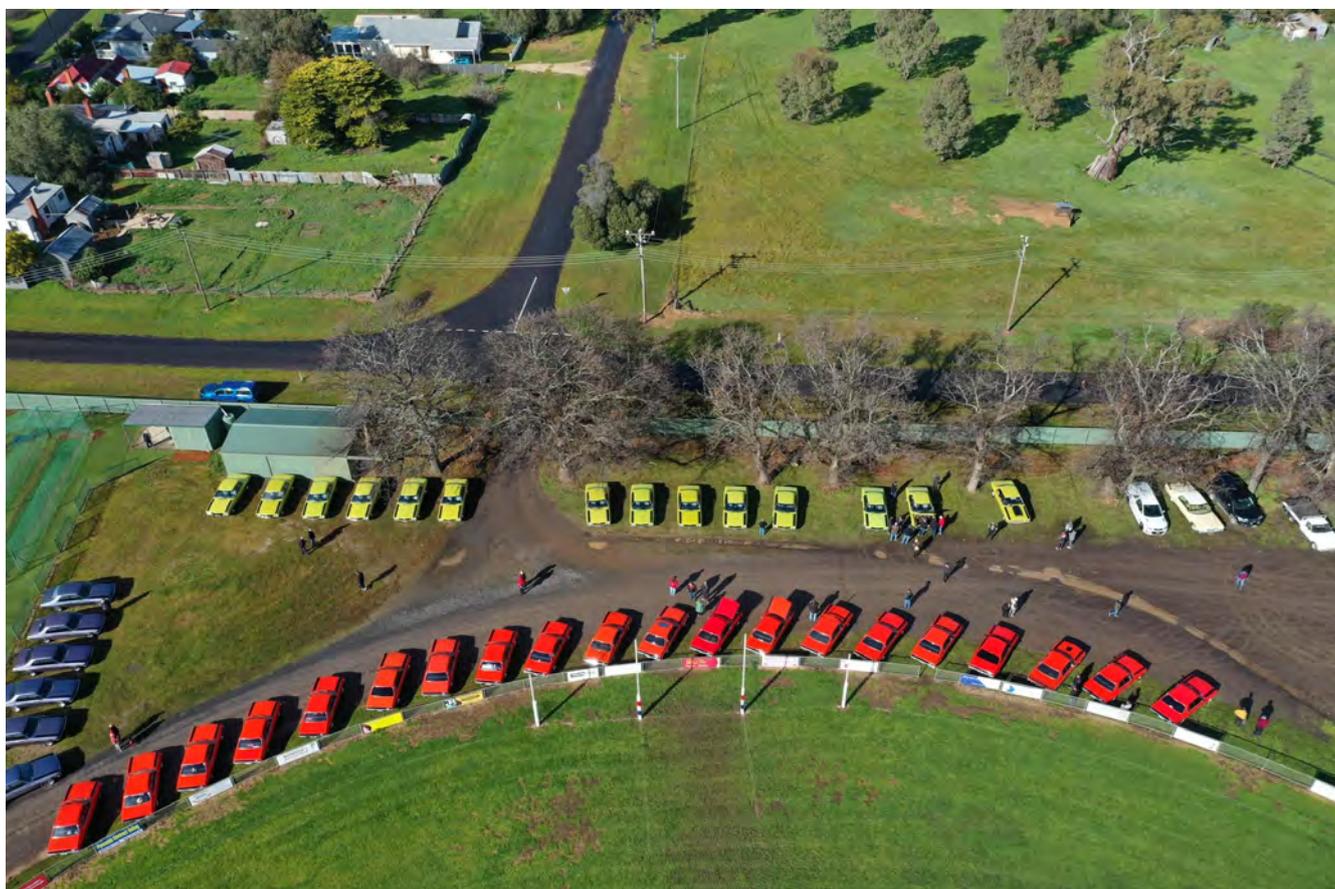
Obviously big weekend for SS`s owners, all trophy's handed out at midday to let people find their way home.

We all headed off at our own leisure with three of us having lunch in the main street, before heading home.

Enjoyable day had by all with the best weather for the last fortnight.

Attendees:

Scott, Sandra, and Thomas - HQ SS (Infra-red)
Andy Lee—HQ SS (Infra Red)
Darren and Kathy Watkins—HQ SS (Lettuce Alone)
Peter Wilmot HX Monaro
Rob Whitten FC
Craig Loveridge HG Kingswood
George Golding HG Kingswood.
Graham Henderson EH Special
Paul Irvin EH Special.





CLUB RUN - SHED TOUR & W VHCC VISIT

BBQ – Shed Tour and W VHCC VISIT.
Sunday 14th. August.

For once the Weather Bureau were correct . It was a S—t of a day and on arrival at the clubrooms we found the area in the front of the clubrooms a 'Muddy" unpassable area and we had to use the rear door for access .

It was an 11 O'clock start and we set up the BBQ and Tables and members started arriving and our visitors from Warrnambool "Western Victoria Holden Car Club" started arriving from mid-day. We had a BBQ lunch, a Coffee or Tea, a Soft drink or something a bit stronger and some sweets and a chance to mingle .

Then it was back out into the weather and a drive over to the Campbells. I think it was only one car "bogged" at the Clubrooms, so we straggled into Sandra and Scott's property, guided by parking attendant- Thomas. Quickly out of the rain and into shed to look at Scott's fabulous Collection. Scott gave us a run-down on his collection and I didn't know where to look next. When we thought we had seen it all, we went into the Memorabilia room and a very efficient wood heater. Sandra and Jess had set up afternoon tea, scones, jam and cream and beautifully presented.

Scott's collection is something that has to be seen to believe and I know it's many years work.

ATTENDEES:

Craig Loveridge, Neil Leckie, David Trengove, Greg King, Alan Darrell, Paul Irvin, Graeme Henderson, John Stevens, Sharelle and Jeff Dickson, Catherine and Murray Rogers, Sarah, Bryson and Huxley Millard, Peter Skrypko, Anne, Greg and Megan Turner, Sandra, Scott, Jessica and Thomas Campbell, Sandra and Denis Virgona, Anne and Ross Anderson, Andrew French and Rob Whitten.

From the W VHCC Attendance Book—John Welch, Pam and Ralph Kelly, Wendy and Graeme Dunn, Chris Moutray, Peter and Courtney Dunn, Gordon Risk, Ivan McGinness, Haydn Everett, Steven Kinnersly, John Marsden. Scott Bell, Anne and Ross Anderson, Michael Welch and Rob Whitten.

We had a vast range of models from FX through to Commodores.

Thanks to Peter, Jeff and Paul and Neil and Catherine for cooking and doing dishes and a huge thanks to the Campbell family for making us all so welcomed.

Only very positive reports back from Warrnambool and very appreciative of our hospitality.

A Great Day .

Next Months run is a Cruise down to Pomonal for lunch ant Barney's Bar and Bistro then a visit to Pomonal Estate winery and brewery for afters. We will have a Coffee and Toilet stop at Ararat on the way.

. Sunday 18th. September –9:30 at the Clubrooms and we hope all the Council work is finished.

I MUST know numbers by Friday 9th. September.



ARE EV'S THE ANSWER - NEIL LECKIE

ARE EVs THE ANSWER, OR A FUTURE ENVIRONMENTAL DISASTER – Neil Leckie

In the last few months, I have had the opportunity to drive four Hybrid Toyotas and see for myself what, if any, economic advantages there might be when driving a Hybrid Electric Vehicle or HEVs).

My first drive was in a CFA Toyota Camry Hybrid. CFA vehicles are supposed to be returned full of petrol after use, however, this one may have had a couple of litres of fuel already used when I headed off from Wendouree to Scoresby in Melbourne's East. The Hybrids have a diagram on their screen showing when the electric motor is driving the wheels, when the internal combustion engine (ICE) is driving the wheels, when the battery is being charged by the ICE or by the 'regenerative braking' from the wheels when the vehicle is going downhill or under braking. There is a lot of downhill between Ballarat and Melbourne, so the battery was being charged quite a lot. However, on return there are a lot of uphill, so the engine was doing virtually all the work. The end result was using 25 litres of fuel for 307 kms. 12.3 km/l or 8.1 l/100km - worse than my ICE Mazda 3 everyday drive! Allowing three litres for not being quite full at the start gave 7.2 l/100km, the same as shown as the average fuel use in my Mazda's Log Book. Therefore, was driving a Hybrid any saving on fuel given the extra expense to build and therefore purchase a Hybrid?

The second Hybrid was a bigger test. We drove a Toyota Corolla Hybrid from Darwin to Katherine and Kununurra and return, plus some 'running around' in Darwin. A total of 2,040 km on 101 litres of fuel. 5 l/100km. On highway driving, the Mazda 3 uses about 6.6

l/100 km. The Corolla gave saving of about 1.6l for every 100 km.

The third Hybrid was a Toyota Yaris Cross – nothing like the Yaris that most of us would recognise – an ugly vehicle, all bits and pieces and shapes. A total of 313 mostly on suburban Brisbane roads. 313 km on 17.1 litres gave 5.5 l/100km. The Mazda uses about 7.5 l/100km in this sort of driving. A 2 l/100km saving looks a good number but is it really helpful in the overall scheme for saving the planet?

The fourth Hybrid was a new RAV4 starting full of fuel with just 28km 'on the clock'. On arrival at Ballarat the vehicle was filled up at 177 km and used 14.2 litres. This gave 7.04 l/100km. The Mazda 3 would have used about the same amount of fuel.

Trying to find consistent prices for new vehicles, one ends up with comparing apples with oranges. As best I can determine, purchasing a Hybrid Toyota can cost anywhere between \$2,000 - \$5,500 more than an ICE vehicle.

Using an average price differential of \$3,000 and a saving in fuel on 1.5l/100km or \$3.00 per 100km based on fuel at \$2.00 per litre, break-even comes at 100,000km. For motorists driving 20,000 km a year, this point occurs at 5 years.

When considering a HEV or Battery Electric Vehicle (BEV) there are a number of other factors to consider. First, where are the resources coming from to build them? The big consideration is the lithium needed for the HEV/BEV batteries. Experts predict that there is not enough lithium in the world to make enough batteries for all vehicles to be HEV/BEVs, espe-

ARE EV'S THE ANSWER - NEIL LECKIE

cially when considering the size of batteries needed for buses and trucks. The lithium ore needs to be dug up, transported and refined, then transported to the factories making batteries. Then the batteries need to be transported to the factories producing the HEV/BEVs. All this activity takes energy, bucket loads, with very little being able to use non-polluting transport! The energy used, and carbon emissions produced, in manufacturing an HEV/BEV, may cancel out to any carbon emissions saved in driving the HEV/BEV. Another problem here is that the more lithium being mined, the quality of the ore reduces, so more ore needs to be mined to keep the flow of lithium to the battery manufacturers. More energy used!

The second problem is battery range. Some BEVs claim to have a 400 – 500 km range, depending on the terrain or type of driving. Then they need recharging. Those proposing BEV charging stations be built around the country claim that they can recharge their BEV to 80% in around 40 minutes, if you can find a charging point. The Australian life-style of driving to Sydney, Adelaide or Canberra for a short holiday will have to be rethought! Consider the number of vehicles that refuel daily at the Gundagai North Service Station. How many charging points would be needed there? There will be long delays getting to a charging point. The other recharging times for the battery will be at night. Electricity supply experts are warning that the electricity grid, powered by solar and wind alone as the 'Greenies' want, will not be able to supply the huge demand of all the electric cars in the eastern states being charged at the same time at night. Currently, energy supply companies provide cheap off-peak electricity at night to help balance out the 24-hour power requirements for their coal-

powered generating plants. If coal-powered plants are all taken off the grid, there will not be enough power at night!

A third problem is end of battery life. BEV batteries have a life expectancy of 8 – 10 years with a replacement cost of up to \$10,000. Who will buy a 7 or 8 year-old BEV knowing that within a couple of years you might need to spend \$10,000 to keep the vehicle running?

A fourth problem is end-of-life for the battery. While lithium can be extracted from 'dead' batteries, it requires a very expensive, high energy use, difficult process. Recyclers are still working on how to extract the lithium using economic methods.

So, when you consider purchasing a HEV/BEV to replace your current daily drive ICE vehicle, you will need to look at all the pros and cons. Buying one just to have a more economical vehicle to run may be well and truly cancelled out by the additional purchase price and low resale price. Then, is the additional energy required in the manufacture of a complex vehicle such as a HEV or BEV, and its end-of-life problems, going to cancel out any savings made in carbon emissions due to that reduced fuel use.

To some, EVs are to be the saviour of the planet. To others they are a looming environmental disaster.

GENERAL MEETING - MINUTES

General Meeting. August 2nd, 2022.

Meeting opened: 1944hrs.

Members Present: 34 as counted.

Apologies: James Lowe, Scott Campbell, Brett Mould, Jason van Boven, Jessica and Glen Mann, Meaghan and Mitch Colbert, David Turner, Meaghan Turner, Sarah Millard, John Burke, Paul Furneaux, Andy Lee, Darren Cocking, Mark Scott.

Guest/New members: Nil.

Minutes of previous meeting: Read by Jim. Moved Greg Turner 2nd Neil Gordon. Carried.

Business arising: Nil.

Correspondence: In: Nil. Out: Newsletters and app notifications.

Presidents report: Read by Justin. Justin also advised the membership that in the process of updating the honour board a new life member had been identified. That member was Jim Hare. The membership showed their appreciation.

Treasurers report: Read by Anne and as attached. Moved: Bernie Sharp, 2nd Theo Goosens that the treasurers report be accepted, and accounts passed for payment. Carried.

Further reports.

Run Coordinator: Rob reported on previous runs and highlighted upcoming runs as per the newsletter.

Bar report: No change at this stage however the new beer tax was mentioned!!

Red Dog report: Previous and upcoming runs were discussed.

Clubrooms: Paul stated that everything is going along just fine.

Merchandise: Beanies are getting low, otherwise all is good.

Red Plates: Report held over as Scott was unwell.

AEHF: Anne asked if anyone planned to attend the

FX-FJ Nationals, then they need to book asap.

General business: Alan mentioned the upcoming rock and roll show on October 22nd. It was agreed that our club should be prepared to support this car show.

Buy: Jim H looking for a Hydromantic Damper plate for EJ. Rob W chasing an HQ wheel centre...advised to speak with Andy Lee.

Swap: Nil

Sell: Peter N has a colleague selling a 186 with a trimatic for approximately \$1000. Peter Skrypko is clearing out his shed so he invited members to call in and see what's available.

Name tags were issued by Anne to members who were present.

Technical issues: Theo asked if anyone knows a reputable carby rebuilder. Geelong carbies was recommended.

Member raffle: Won by Mark Boswerger who collected \$80.50. 2nd prize, Jeff Dickson. 3rd, Greg Turner.

Member draw: Leigh Whitten was drawn, however wasn't present so the prize jackpots to 12 stubbies plus the bonus 6 pack.

Sargent at Arms: Pete W was back and did his rounds collecting \$32.30.

Justin thanked all committee members for their assistance over the past few years and also all those who supported and assisted him while he was President.

Meeting closed at 2027hrs.

VF COMMODORE
UTE

THE ULTIMATE
STORM
HAS ARRIVED.



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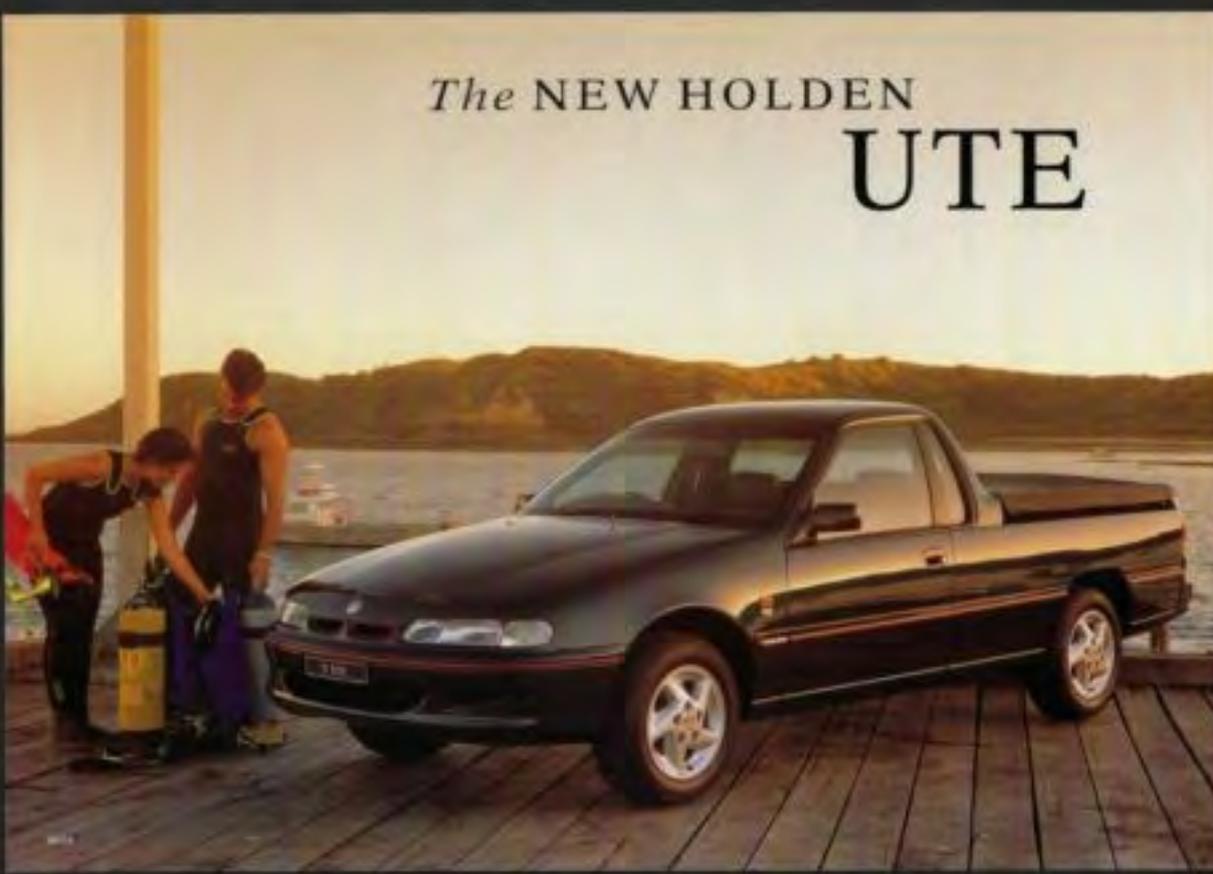
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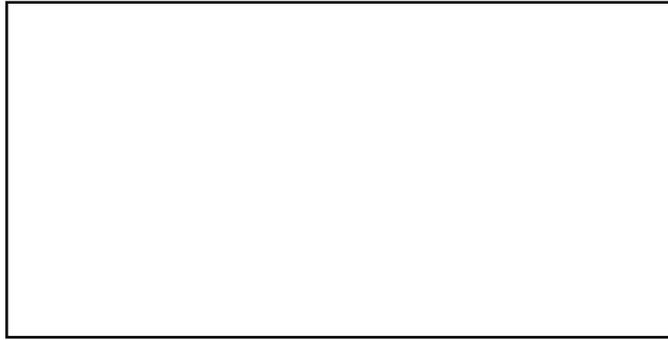
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The NEW HOLDEN
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The Front End
Official Newsletter of
The Ballarat & District Early Holden Car Club
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The Rear End